

MTF Formulary Management for Proton Pump Inhibitors (PPIs)

Department of Defense Pharmacoeconomic Center

Uniform Formulary Decision: The Director of TMA has approved the recommendations from the February 2005 DoD P&T Committee meeting regarding formulary status of oral PPIs on the Uniform Formulary (UF) and Basic Core Formulary (BCF). The BCF selections become effective 18 April 2005, and the non-formulary designation 17 July 2005.

Uniform Formulary (UF) Agents		Non-Formulary Agents
PPIs on BCF MTFs <u>must</u> have on formulary	PPIs not on BCF MTFs <u>may</u> have on formulary	MTFs <u>must not</u> have on formulary
Omeprazole (generic 10 mg & 20 mg only) Rabeprazole (Aciphex) – all oral strengths and dosage forms	Lansoprazole (Prevacid) Pantoprazole (Protonix) Omeprazole (Prilosec 40 mg and Zegerid oral suspension)	Esomeprazole (Nexium)

- MTFs should maximize the use of the two most cost-effective PPIs, omeprazole or rabeprazole. Clinical trials evaluating efficacy in gastroesophageal reflux disease (GERD) and peptic ulcer disease (PUD) have demonstrated that when compared at equivalent doses, one PPI works just as well as another. All PPIs have similar safety and tolerability profiles.
- Esomeprazole is the least cost-effective PPI. MTFs should only dispense esomeprazole for patients who cannot be treated with any other PPI. MTFs must use the medical necessity criteria for esomeprazole established by the DoD P&T Committee. The criteria are available on the TRICARE Pharmacy website: <http://www.tricare.osd.mil/pharmacy/medical-nonformulary.cfm>. A Microsoft Word version of the TMOP/TRRx Medical Necessity form adaptable for MTF use is available on RxNET.
- Lansoprazole was removed from the BCF. Based on current prices, we recommend that MTFs review the current market share of lansoprazole at their facility and switch as many patients to the BCF agents as possible.
- PPIs currently rank second in drug class expenditures in the Military Health System. MTFs spent \$91 million on PPIs in fiscal year 2004, an 11% increase over 2003.

Proton Pump Inhibitor (PPIs) Dose and MTF Price Comparison	
Drug & Dosage Form	Price (June 2005) ^{ab}
Basic Core Formulary PPIs	
Omeprazole 10 & 20mg caps (Kremers-Urban)	\$0.47/cap
Rabeprazole 20mg tab	\$0.50/tab
Other Uniform Formulary PPIs available for inclusion on MTF formularies	
Lansoprazole 15 & 30mg caps	\$1.00/cap
Lansoprazole 15 & 30mg SoluTab	\$1.50/tab
Lansoprazole Suspension	\$1.50/30mg
Omeprazole 40mg cap	\$3.96/cap
Omeprazole Suspension	\$2.87/20mg packet
Pantoprazole 20mg tab	\$2.11/tab
Pantoprazole 40mg tab	\$0.89/cap
Non-formulary PPIs	
Esomeprazole 20mg cap	\$2.66/cap
Esomeprazole 40mg cap	\$2.69/cap

^a Post-decision prices; actual price may vary slightly due to MTF-specific Prime Vendor discounts and/or fees

^b MTFs are prohibited from entering into any incentive pricing agreements in any form with PPI pharmaceutical manufacturers to receive additional discounts.

References

- For the full clinical review of the PPIs and for discussion about UF decisions, log onto RxNET (the PEC's webforum) www.dodrxnet.org (under "File Library" forum, "DoD P&T Library" folder).
- Current/future drug classes under review by the DoD P&T Committee: www.pec.ha.osd.mil/PT_Committee.htm
- TRICARE website for information on the Uniform Formulary: www.tricare.osd.mil/pharmacy
- TRICARE Formulary Search Tool: www.tricareformularysearch.org

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